

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048876.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 21:57
 Operator : YP/AJ
 Sample : P5194-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 04:29:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.364	7866656	46.704 ug/ml
Spiked Amount 50.000		Recovery =	93.41%
6) S 2-Fluorobiphenyl (SURR)	8.213	5059178	48.972 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.94%
11) S ortho-Terphenyl (SURR)	11.248	4298913	24.197 ug/ml
Spiked Amount 50.000		Recovery =	48.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	20419	0.108 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	35489	0.192 ug/ml
9) T Phenanthrene (C19.36)	10.518	68302	0.409 ug/ml
10) T Anthracene (C19.43)	10.518	68302	0.402 ug/ml
12) T Fluoranthene (C21.85)	12.254	44559	0.272 ug/ml
13) T Pyrene (C20.8)	12.597	73373	0.451 ug/ml
14) T Benzo[a]anthracene (C...	14.396	25303	0.192 ug/ml
15) T Chrysene (C27.41)	14.516	89574	0.555 ug/ml
16) T benzo[b]fluoranthene ...	16.027	102681	0.763 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	102681	0.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	8999	0.065 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	67043	0.629 ug/ml
20) T Dibenz[a,h]anthracene...	17.758	67043	0.462 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	124712	0.889 ug/ml

(f)=RT Delta > 1/2 Window

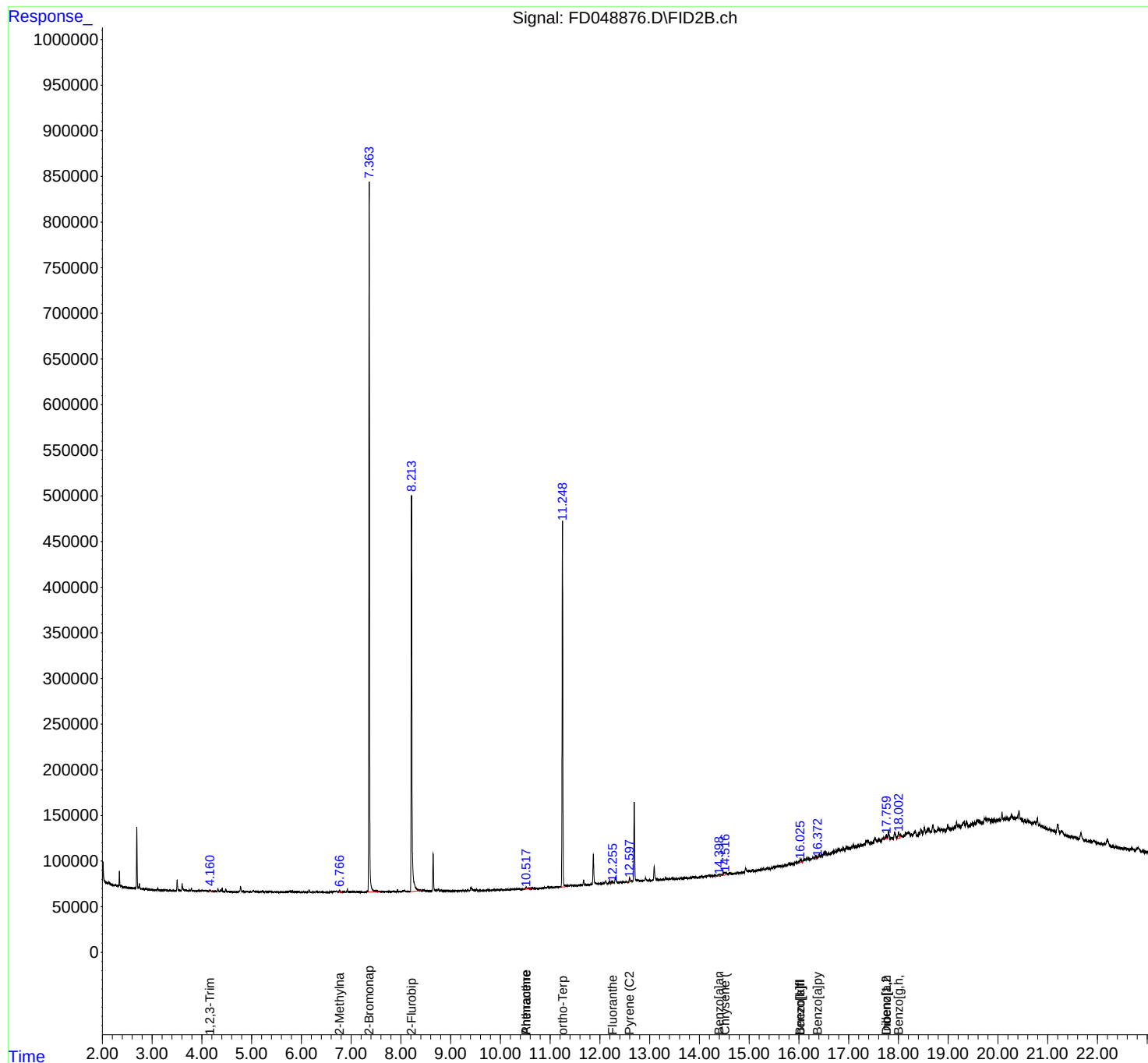
(m)=manual int.

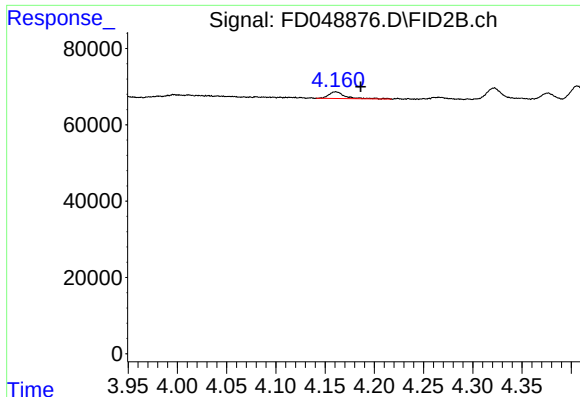
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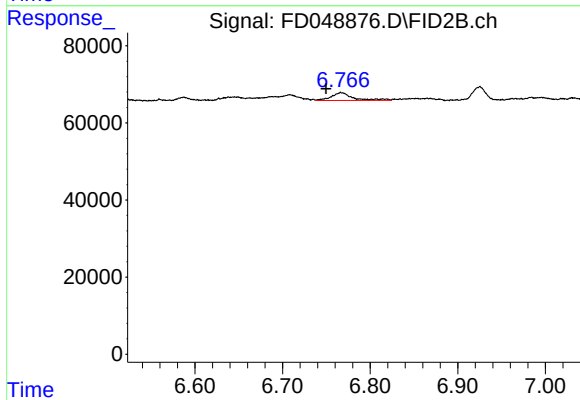




#1 1,2,3-Trimethylbenzene (C10.1)

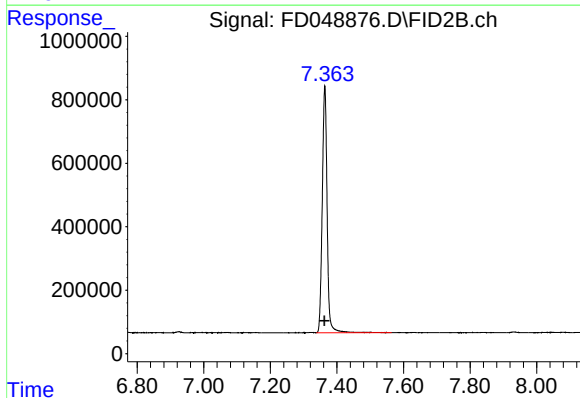
R.T.: 4.161 min
Delta R.T.: -0.025 min
Response: 20419
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



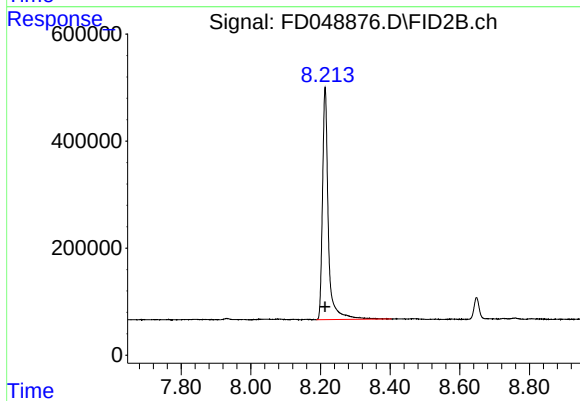
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.017 min
Response: 35489
Conc: 0.19 ug/ml



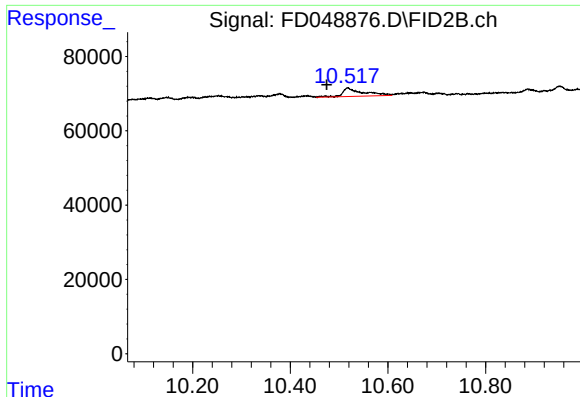
#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 7866656
Conc: 46.70 ug/ml



#6 2-Fluorobiphenyl (SURR)

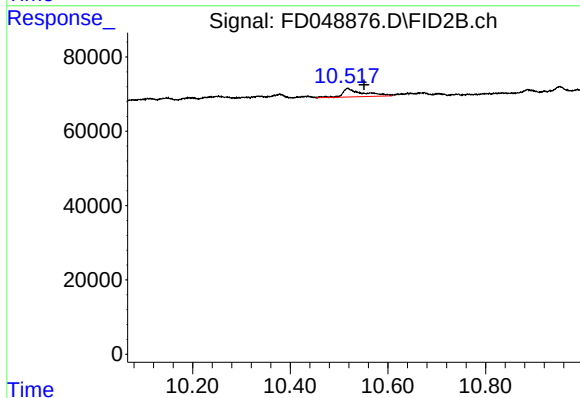
R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 5059178
Conc: 48.97 ug/ml



#9 Phenanthrene (C19.36)

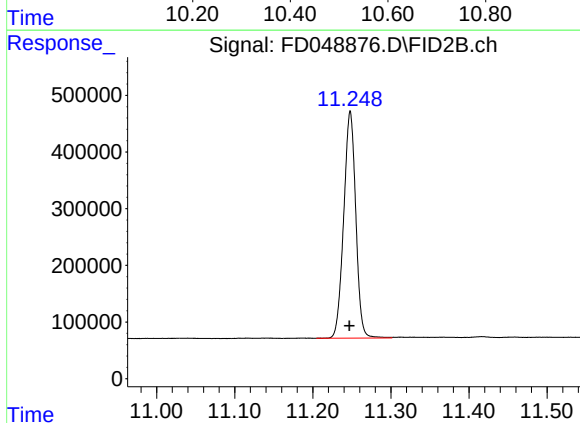
R.T.: 10.518 min
Delta R.T.: 0.043 min
Response: 68302
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



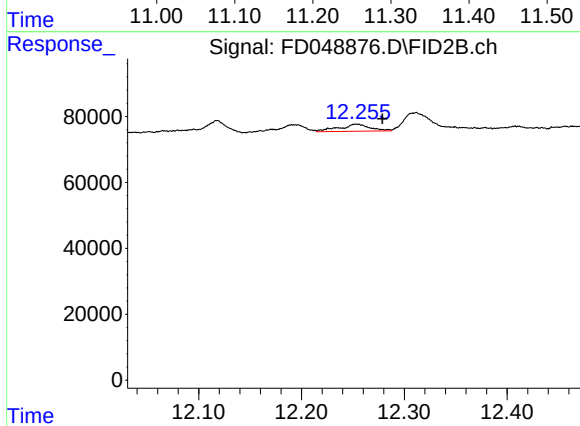
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.033 min
Response: 68302
Conc: 0.40 ug/ml



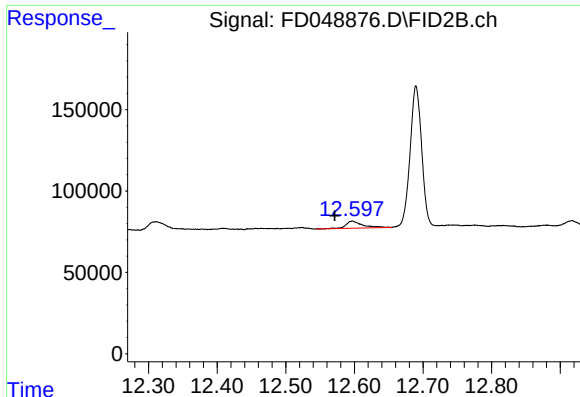
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.001 min
Response: 4298913
Conc: 24.20 ug/ml



#12 Fluoranthene (C21.85)

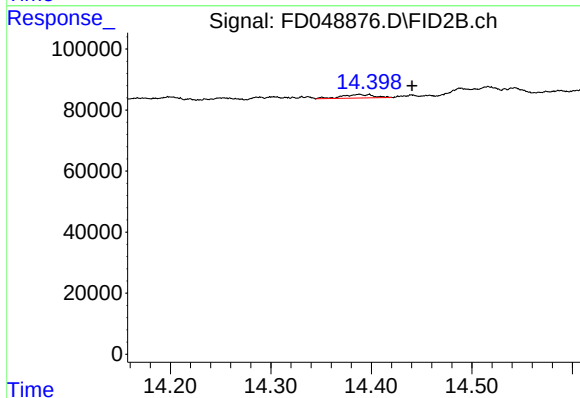
R.T.: 12.254 min
Delta R.T.: -0.025 min
Response: 44559
Conc: 0.27 ug/ml



#13 Pyrene (C20.8)

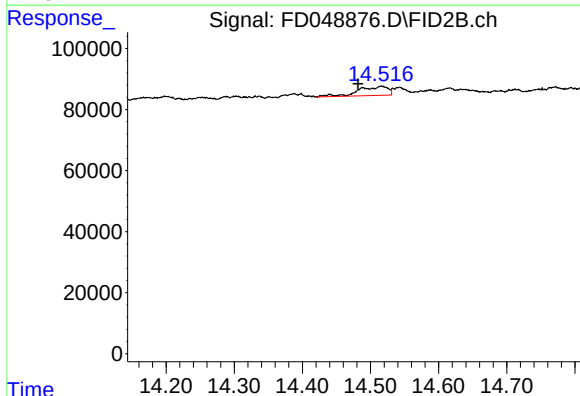
R.T.: 12.597 min
Delta R.T.: 0.026 min
Response: 73373
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



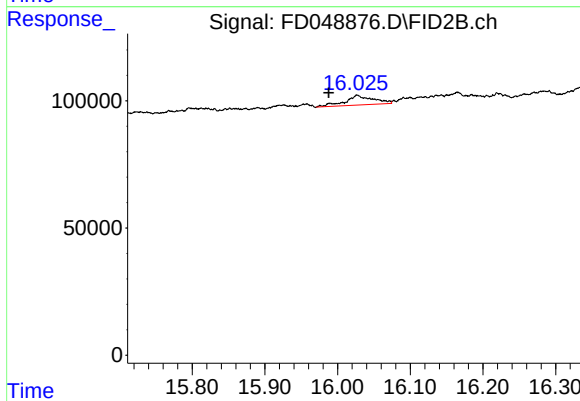
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.396 min
Delta R.T.: -0.044 min
Response: 25303
Conc: 0.19 ug/ml



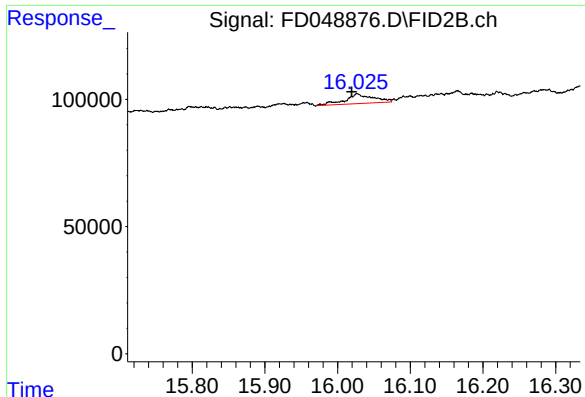
#15 Chrysene (C27.41)

R.T.: 14.516 min
Delta R.T.: 0.035 min
Response: 89574
Conc: 0.55 ug/ml



#16 benzo[b]fluoranthene (C30.41)

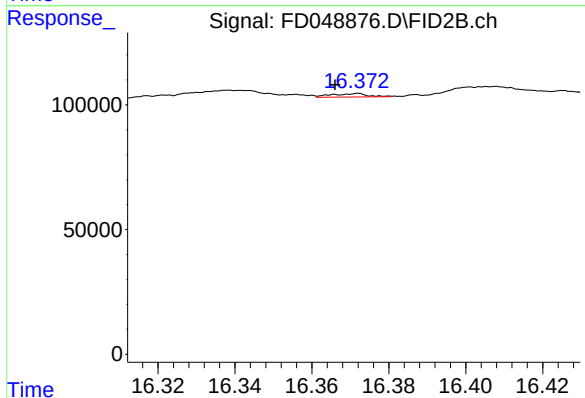
R.T.: 16.027 min
Delta R.T.: 0.040 min
Response: 102681
Conc: 0.76 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

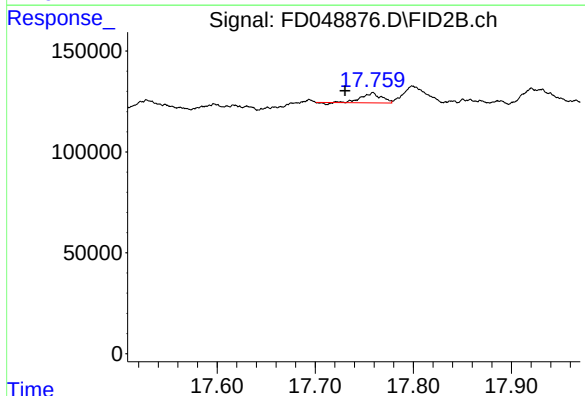
R.T.: 16.027 min
Delta R.T.: 0.008 min
Response: 102681
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



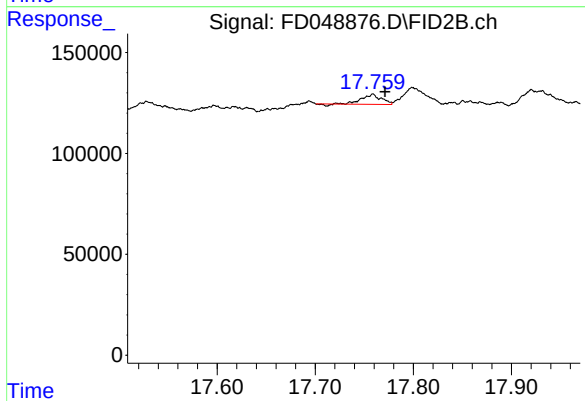
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.004 min
Response: 8999
Conc: 0.07 ug/ml



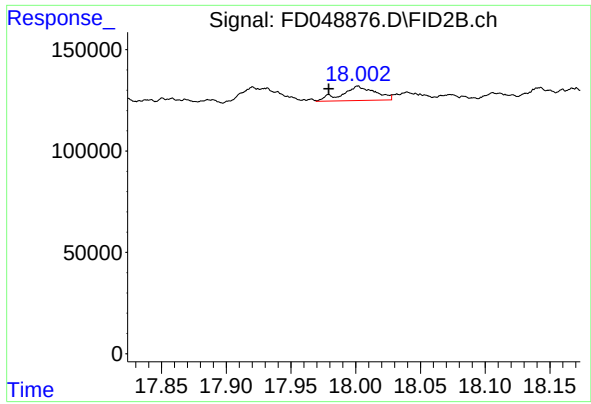
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.027 min
Response: 67043
Conc: 0.63 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.758 min
Delta R.T.: -0.013 min
Response: 67043
Conc: 0.46 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.002 min
Delta R.T.: 0.023 min
Response: 124712
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :